

MERTZ

1646MERTZ

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/150,813DATE: 09/14/1999  
TIME: 12:34:37

Input Set: I150813.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Grainger, David J.  
2 Tatalick, Lauen Marie  
3 Kanaly, Suzanne T.  
4 <120> TITLE OF INVENTION: Compounds and methods to inhibit or  
5 augment an inflammatory response.  
6 <130> FILE REFERENCE: 295.027US1  
7 <140> CURRENT APPLICATION NUMBER: US/09/150,813  
8 <141> CURRENT FILING DATE: 1998-09-11  
9 <150> EARLIER APPLICATION NUMBER: US 08/927939  
10 <151> EARLIER FILING DATE: 1997-09-11  
11 <160> NUMBER OF SEQ ID NOS: 105  
12 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
13 <210> SEQ ID NO 1  
14 <211> LENGTH: 12  
15 <212> TYPE: PRT  
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19 1 5 10  
20 <210> SEQ ID NO 2  
21 <211> LENGTH: 13  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Homo sapiens  
24 <400> SEQUENCE: 2  
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26 1 5 10  
27 <210> SEQ ID NO 3  
28 <211> LENGTH: 15  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Homo sapiens  
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33 1 5 10 15  
34 <210> SEQ ID NO 4  
35 <211> LENGTH: 15  
36 <212> TYPE: PRT  
37 <213> ORGANISM: Homo sapiens  
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40 1 5 10 15  
41 <210> SEQ ID NO 5  
42 <211> LENGTH: 14  
43 <212> TYPE: PRT  
44 <213> ORGANISM: Homo sapiens

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# RAW SEQUENCE LISTING

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49 <211> LENGTH: 16
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
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53   Glu Leu Arg Val Ile Glu Ser Gly Pro His Cys Ala Asn Thr Glu Ile
54       1               5               10               15
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56 <211> LENGTH: 10
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 7
60   Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
61       1               5               10
62 <210> SEQ ID NO 8
63 <211> LENGTH: 6
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 8
67   Glu Ile Cys Ala Asp Pro
68       1               5
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70 <211> LENGTH: 6
71 <212> TYPE: PRT
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75       1               5
76 <210> SEQ ID NO 10
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78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: A chemokine peptide variant
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83   Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Val Gln
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85 <210> SEQ ID NO 11
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87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: A chemokine peptide variant
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93       1               5               10
94 <210> SEQ ID NO 12

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RAW SEQUENCE LISTING  
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95  <211> LENGTH: 12
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123 <212> TYPE: PRT
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130 <212> TYPE: PRT
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135     Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
136         20             25             30
137     Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
138         35             40             45
139     Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
140         50             55             60
141     Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
142         65             70             75             80
143     Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
144         85             90             95

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154      20          25          30
155      Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg
156      35          40          45
157      Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser
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160      65          70          75
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163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
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166      Met Lys Ala Ser Ala Ala Leu Leu Cys Leu Leu Leu Thr Ala Ala Ala
167      1          5          10          15
168      Phe Ser Pro Gln Gly Leu Ala Gln Pro Val Gly Ile Asn Thr Ser Thr
169      20          25          30
170      Thr Cys Cys Tyr Arg Phe Ile Asn Lys Lys Ile Pro Lys Gln Arg Leu
171      35          40          45
172      Glu Ser Tyr Arg Arg Thr Thr Ser Ser His Cys Pro Arg Glu Ala Val
173      50          55          60
174      Ile Phe Lys Thr Lys Leu Asp Lys Glu Ile Cys Ala Asp Pro Thr Gln
175      65          70          75          80
176      Lys Trp Val Gln Asp Phe Met Lys His Leu Asp Lys Lys Thr Gln Thr
177      85          90          95
178      Pro Lys Leu
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180 <211> LENGTH: 92
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182 <213> ORGANISM: Homo sapiens
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186      Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
187      20          25          30
188      Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
189      35          40          45
190      Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
191      50          55          60
192      Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
193      65          70          75          80
194      Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala

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195                                     85          90
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203   Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
204             20              25              30
205   Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
206       35              40              45
207   Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
208     50              55              60
209   Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
210    65              70              75              80
211   Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
212             85              90
213 <210> SEQ ID NO 21
214 <211> LENGTH: 91
215 <212> TYPE: PRT
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217 <400> SEQUENCE: 21
218   Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala
219     1              5              10              15
220   Leu Cys Ala Pro Ala Ser Ala Ser Pro Tyr Ser Ser Asp Thr Thr Pro
221             20              25              30
222   Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys
223       35              40              45
224   Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe
225     50              55              60
226   Val Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp
227    65              70              75              80
228   Val Arg Glu Tyr Ile Asn Ser Leu Glu Met Ser
229             85              90
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231 <211> LENGTH: 89
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233 <213> ORGANISM: Homo sapiens
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237   Cys Leu Ser Asp Gly Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys
238             20              25              30
239   Arg Phe Phe Glu Ser His Val Ala Arg Ala Asn Val Lys His Leu Lys
240       35              40              45
241   Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys
242     50              55              60
243   Asn Asn Asn Arg Gln Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln
244    65              70              75              80

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VERIFICATION SUMMARY  
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Line ? Error/Warning

Original Text

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402 W Invalid/Missing Amino Acid Numbering  
519 W Invalid/Missing Amino Acid Numbering  
741 W Invalid/Missing Amino Acid Numbering  
936 W Invalid/Missing Amino Acid Numbering  
1532 W Line data has been corrected  
1533 W Invalid/Missing Amino Acid Numbering  
1807 W Invalid/Missing Amino Acid Numbering

Asp His Leu Asp Lys Gln Thr Gln Thr Pro L  
90 95